U.S. Patent Application No. 10/573,322 Amendment D

Docket No. 2000-30

Page 2 of 11

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

(currently amended) A method of extracting volatile components applicable for a food

or drink by which volatile components are obtained by steam extraction of tasty materials, including

roasted coffee beans or tea leaves following tea manufacturing, the method comprising:

directing super heated steam produced from deoxygenated water into contact with the tasty

material, wherein the directing is carried out within a sealed container under an inert gas atmosphere;

recovering the steam after said directing steam, wherein the steam extraction is carried out

using the super heated steam that is set to a temperature higher than 140°C but no higher than 500°C.

wherein a steam flow rate of 0.3 to 30 kg/h is used per 1 kg of tasty material, wherein said directing

steam is carried out for 5 to 30 minutes, wherein a recovery rate of the volatile components by the

steam extraction is 0.01 to 10% by weight as a solid with respect to the tasty material, and wherein the

super heated steam is used at normal pressure;

obtaining an aqueous extract by water extraction of the tasty material following the steam

extraction; and

mixing the aqueous extract and the volatile components.

2-6. (

(canceled)

U.S. Patent Application No. 10/573,322 Amendment D Docket No. 2000-30

Docket No. 2000 Page 3 of 11

7. (original) The method of extracting volatile components according to claim 1, wherein

the tasty material includes of roasted coffee beans.

8. (original) The method of extracting volatile components according to claim 7, wherein

the coffee beans are at least one type selected from the group consisting of Coffea arabica, C.

canephora var. robusta, C. canephora var. conulon and C. liberica.

(original) The method of extracting volatile components according to claim 7, wherein

the coffee beans are obtained by roasting raw coffee beans using super heated steam.

10. (original) The method of extracting volatile components according to claim 9, wherein

the super heated steam used to roast the raw coffee beans is set to a temperature higher than 107°C but

no higher than 500°C.

11. (original) The method of extracting volatile components according to claim 9, wherein

the super heated steam used to roast the raw coffee beans is set to a temperature higher than 140°C but

no higher than 500°C.

12. (original) The method of extracting volatile components according to claim 9, wherein

the coffee beans are roasted using super heated steam at 1 to 30 kg/h per 1 kg of the raw coffee beans.

U.S. Patent Application No. 10/573,322 Amendment D

Docket No. 2000-30

Page 4 of 11

13. (original) The method of extracting volatile components according to claim 7, wherein

the coffee beans are obtained by roasting raw coffee beans using at least one type of method selected

from the group consisting of far infrared roasting, hot air roasting, direct flame roasting and charcoal

roasting.

(original) The method of extracting volatile components according to claim 7, wherein

the L value of the roasted coffee beans is 15 to 33.

15. (original) The method of extracting volatile components according to claim 1, wherein

the tasty material includes of tea leaves following tea manufacturing.

16. (original) The method of extracting volatile components according to claim 15, wherein

the tea leaves are at least one type selected from the group consisting of green tea, oolong tea, black

tea, barley tea, adlay tea, jasmine tea, Pu-Erh tea, rooibos tea and herb tea.

17. (previously presented) The method of extracting volatile components according to claim

1, further comprising cooling the steam after said directing steam into contacting the tasty material.

U.S. Patent Application No. 10/573,322 Amendment D

Docket No. 2000-30

Page 5 of 11

(previously presented) The method of extracting volatile components according to claim

1, further comprising drying the steam by freeze-drying or spray-drying after said directing steam into

contact with the tasty material.

19-23, (canceled)

24. (withdrawn) A volatile component obtained by the method of extracting volatile

components according to claim 1.

25. (withdrawn) The volatile component according to claim 24 containing solid matter

originating in the tasty material at 0.01 to 10% by weight.

26. (withdrawn) A food or drink containing the volatile component according to claim 24.

27. (withdrawn) The food or drink according to claim 26, wherein the food or drink is a

coffee drink, tea drink, milk drink, concentrated extract for a dispenser, instant coffee or instant tea.

28. (withdrawn) The food or drink according to claim 26 containing an aqueous extract

obtained by water extraction of a tasty material following the steam extraction,

U.S. Patent Application No. 10/573,322 Amendment D Docket No. 2000-30 Page 6 of 11

- 29. (withdrawn) The food or drink according to claim 26 containing an aqueous extract obtained by water extraction of a tasty material of the same type that is not subjected to the steam extraction.
  - 30. (canceled)
- (previously presented) The method according to claim 1, wherein the food or drink is a coffee drink, tea drink, concentrated extract for a dispenser, instant coffee or instant tea.
  - 32-36. (cancelled)